



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

MAIL STOP RCE

Takashi SUZUKI

Group Art Unit: 3747

Application No.: 09/987,411

Examiner: A. Castro

Filed: November 14, 2001

Docket No.: 110648

For: CRANKING-CAUSED VIBRATION SUPPRESSING APPARATUS AND
METHOD FOR INTERNAL COMBUSTION ENGINE

**LARGE ENTITY REQUEST FOR
CONTINUED EXAMINATION UNDER 37 C.F.R. §1.114**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

NOV 14 2003

Sir:

TECHNOLOGY CENTER R3700

In accordance with the provisions of 37 C.F.R. §1.114, Applicant hereby requests continued examination.

☒ Applicant further requests entry and consideration of the attached submission (Information Disclosure Statement).

The above-identified application was filed on or after June 8, 1995. Thus, entry is proper under 37 C.F.R. §1.114(d).

Attached hereto is our check no. 148026 in the amount of ☒ \$770.00 as payment of the fees set forth in 37 C.F.R. §1.17(c). The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this page are enclosed.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Mario A. Costantino
Registration No. 33,565

11/07/2003 RHARIS1 00000034 09987411

01 FC:1801

770.00 OP

JAO:MAC/ccs

Date: November 6, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No 15-0461



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takashi SUZUKI

Group Art Unit: 3747

Application No.: 09/987,411

Examiner: A. Castro

Filed: November 14, 2001

Docket No.: 110648

For: CRANKING-CAUSED VIBRATION SUPPRESSING APPARATUS AND METHOD FOR
INTERNAL COMBUSTION ENGINE

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NOV 14 2003

TECHNOLOGY CENTER R3700

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 C.F.R. §1.114. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. A concise explanation of the relevance of the non-English language reference appears in the Appendix attached hereto.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Mario A. Costantino
Registration No. 33,565

JAO:MAC/ccs
Date: November 6, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110648		APPLICATION NO. 09/987,411	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takashi SUZUKI			
				FILING DATE November 14, 2001		GROUP 3747	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,495,127	02-1996	Aota et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		DE 32 30 607 A1	02-1984	Germany			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		<div>RECEIVED</div> <div>NOV 14 2003</div> <div>TECHNOLOGY CENTER R3700</div>					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: November 6, 2003



P.B.5818 - Patentamt
2280 HV Rijswijk (20-1)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

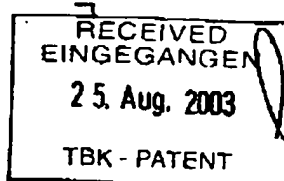
European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Leson, Thomas Johannes Alois, Dipl.-Ing.
Tiedtke-Bühling-Kinne & Partner GbR,
TBK-Patent,
Bavariaring 4
80336 München
ALLEMAGNE



Datum/Date
25.08.03

Zeichen/Ref./Réf. EP 32811	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 01128033.6-2311-
Erfinder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire TOYOTA JIDOSHA KABUSHIKI KAISHA	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract. 2

WU 85.10. ✓

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 12 8033

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (InCL.7)
X ✓	DE 32 30 607 A (VOLKSWAGENWERK AG) 23 February 1984 (1984-02-23) * page 3, last paragraph - page 4, paragraph 2 *	1,2	F02N11/08 F02D41/14
A ✓	US 5 495 127 A (AOTA HIROYUKI ET AL) 27 February 1996 (1996-02-27) * abstract *	1-3,9	
A ✓	US 4 699 097 A (TOKUSHIMA TAKASHIGE ET AL) 13 October 1987 (1987-10-13) * claim 1 *	1-3,9	
			TECHNICAL FIELDS SEARCHED (InCL.7)
			F16F F02N F02D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 14 August 2003	Examiner De Vita, D
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons B : member of the same patent family, corresponding document	

1
EPO FORM 1803 (06.02.2003)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 12 8033

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-08-2003

Patent document cited in search report			Publication date		Patent family member(s)	Publication date
DE 3230607	A	23-02-1984	DE	3230607	A1	23-02-1984
			IT	1163913	B	08-04-1987
US 5495127	A	27-02-1996	JP	7119594	A	09-05-1995
			DE	4430650	A1	09-03-1995
US 4699097	A	13-10-1987	JP	61061922	A	29-03-1986
			JP	1853128	C	21-06-1994
			JP	5059251	B	30-08-1993
			JP	61061923	A	29-03-1986
			JP	1853129	C	21-06-1994
			JP	5059252	B	30-08-1993
			JP	61061925	A	29-03-1986
			JP	1853130	C	21-06-1994
			JP	5059253	B	30-08-1993
			JP	61061927	A	29-03-1986
			JP	61061930	A	29-03-1986
			DE	3578715	D1	30-08-1990
			EP	0175952	A2	02-04-1986

APPENDIX

US Patent	File Date	Issue Date	Comments
DE (A1) 32 30 607	18/08/1982	23/02/1984	This invention relates to a power train arrangement including an internal combustion engine which generates torque with a rotational irregular rate. In order to reduce the rotational irregular rate, an output electric current of a dynamo is controlled responding to a crank angle so that the dynamo becomes a load responding to the crank angle which reacts to the rotational irregular rate of the internal combustion engine.